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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/602,997
		Filing Date	June 23, 2003
		First Named Inventor	Yi Cheng
		Art Unit	2816
		Examiner Name	Lam, Tuan Thieu
Total Number of Pages in This Submission		Attorney Docket Number	
		MP0289	

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Copy of Interview Summary; and Return Postcard.
Remarks		The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Harness, Dickey & Pierce, P.L.C.		Attorney Name Michael D. Wiggins	Reg. No. 34,754
Signature				
Date	November 12, 2004			

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Stephanie Stevens	Express Mail Label No.	EV 406 076 326 US (11/12/2004)
Signature		Date	November 12, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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EV 406 076 326 US

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**O I P S
FEE TRANSMITTAL
for FY 2005**

NOV 12 2004

Effective 10/06/2004. Patent fees are subject to annual revision.

P A T E N T & T R A D E M A R K O F F I C E
A P P L I C A T I O N S
claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1136)

Complete if Known

Application Number	10/602,997
Filing Date	June 23, 2003
First Named Inventor	Yi Cheng
Examiner Name	Lam, Tuan Thieu
Art Unit	2816
Attorney Docket No.	MP0289

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Other None
Order

 Deposit Account:

Deposit Account Number 08-0750

Deposit Account Name Harness, Dickey & Pierce, P.L.C.

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
		1051	130	2051	65	Surcharge - late filing fee or oath	
		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
		1053	130	1053	130	Non-English specification	
		1812	2,520	1812	2,520	For filing a request for reexamination	
		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
		1251	110	2251	55	Extension for reply within first month	
		1252	430	2252	215	Extension for reply within second month	
		1253	980	2253	490	Extension for reply within third month	
		1254	1,530	2254	765	Extension for reply within fourth month	
		1255	2,080	2255	1,040	Extension for reply within fifth month	
		1401	340	2401	170	Notice of Appeal	
		1402	340	2402	170	Filing a brief in support of an appeal	
		1403	300	2403	150	Request for oral hearing	
		1451	1,510	1451	1,510	Petition to institute a public use proceeding	
		1452	110	2452	55	Petition to revive – unavoidable	
		1453	1,370	2453	685	Petition to revive – unintentional	
		1501	1,370	2501	685	Utility issue fee (or reissue)	
		1502	490	2502	245	Design issue fee	
		1503	660	2503	330	Plant issue fee	
		1460	130	1460	130	Petitions to the Commissioner	
		1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
		1806	180	1806	180	Submission of Information Disclosure Stmt	
		8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
		1809	790	2809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
		1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	
		1801	790	2801	395	Request for Continued Examination (RCE)	
		1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0)

**or number previously paid, if greater; For Reissues, see above

SUBMITTED BY**Complete (if applicable)**

Name (Print/Type)	Michael D. Wiggins	Registration No. (Attorney/Agent)	34,754	Telephone	248-641-1600
Signature	<i>Michael D. Wiggins</i>			Date	November 12, 2004

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11/18/04

PATENT

11/18/04
OC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/602,997

Filing Date: June 23, 2003

Applicant: Yi Cheng

Group Art Unit: 2816

Examiner: Lam, Tuan Thieu

Title: Simplified Comparator with Digitally Controllable Hysteresis and Bandwidth

Attorney Docket: MP0289

Mail Stop Amendment
Director of The United States Patent and Trademark Office
P.O. Box 1450
Alexandria, Virginia 22313-1450

AMENDMENT

Sir:

In response to the Office Action mailed August 25, 2004, please amend the application as follows and consider the remarks set forth below.

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 38 of this paper.

11/18/2004 CCHAU1 00000030 10602997
01 FC:1202 432.00 0P
02 FC:1201 704.00 0P